

U. S. Department of Agriculture
Bureau of Agricultural Economics
and
U. S. Department of Commerce
Weather Bureau

Nebr. Dept. of Agr. & Inspection
Division of Agr'l. Statistics
and
Agricultural Extension Service
Of Nebr. College of Agr.

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Released 4-21-53 - 11:00 A.M.

Week Ending 4-20-53

WEATHER Unseasonably cold weather prevailed during the week, with hard freezing on several mornings over the entire state. Heavy rain changing to snow fell over the extreme north-central and northeastern portions of the state. There was no precipitation in the southwest. Elsewhere precipitation was generally light and fell as snow over the Panhandle and mostly rain elsewhere. Strong winds and gales swept the eastern and central portions of the state on the 15th and caused light but widespread damage.

CROPS Growth of wheat was retarded due to freezing temperatures during the past week. Precipitation was light during the week but the surface soil was well supplied with moisture due to the substantial rains of the previous week. Low temperatures promoted stooling of the wheat that came up this spring. High winds of the past week did considerable damage to grain crops, particularly on the lighter soils in western Nebraska and some in south-central Nebraska. Lincoln county reported high winds destroyed 30% to 40% of the wheat crop.

Cool weather with freezing temperatures retarded the growth of oats. A number of the counties in northeastern Nebraska reported some damage to oats from the freezing temperatures. While oats were planted much earlier than usual, low temperatures and freezing temperatures during most of the month have retarded sprouting and emergence. Because of the wet, cold condition of the soil, no oats were planted last week. About 10% of the intended oats remains unplanted.

There is some apprehension as to possible damage to sugar beets from the freezing temperatures. Some damage to alfalfa, particularly the new seeded alfalfa was reported. Cut worms have done considerable damage to alfalfa. Very little field work was done last week because of cool weather and wet condition of soil. Both pastures and alfalfa are slow due to the low temperatures. April temperatures so far have averaged considerably below the normal.

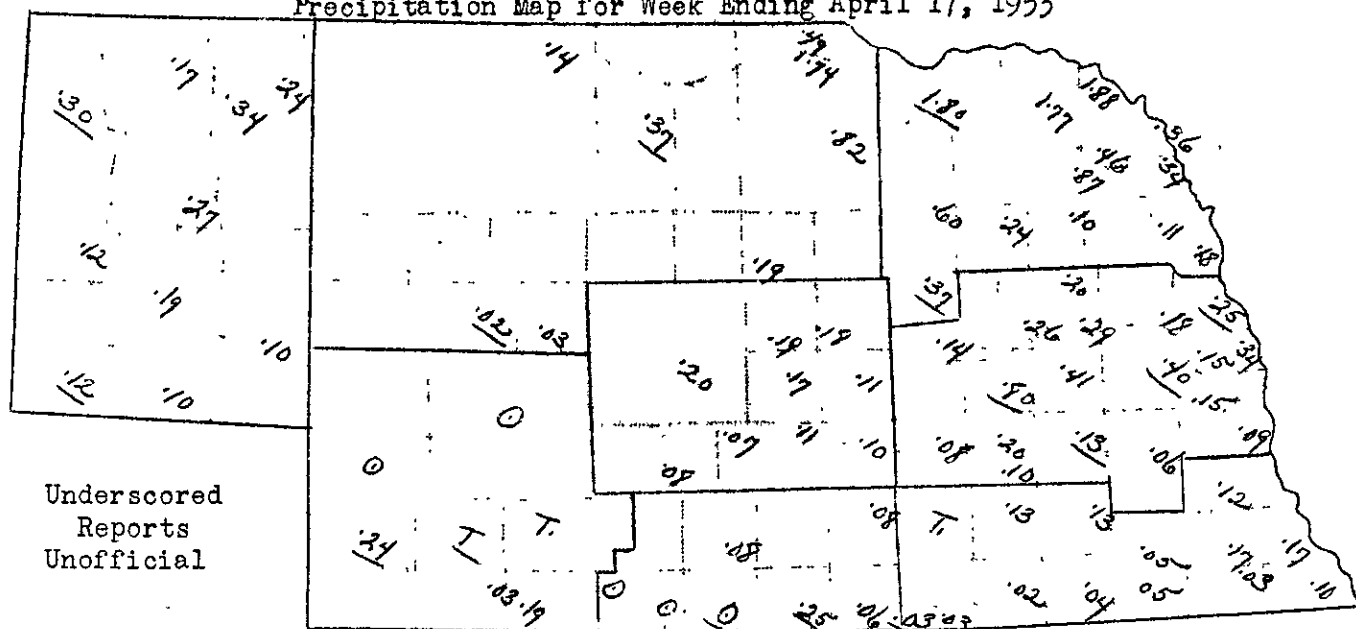
The annual spring check of the subsoil moisture supply began this week. There is more than the usual interest in the amount of subsoil moisture because of the dry autumn. The check made last fall showed a short reserve of subsoil moisture. The moisture since then may have added some to the reserve supply. A year ago the subsoil supply was excellent, which enabled crops to produce well despite the fact that the precipitation last year was only average. A good reserve of soil moisture improves the outlook for good yields.

LIVESTOCK Reports continue favorable on new crop of calves, pigs and lambs. Most of the calving is done. Some cattle have been turned on wheat pasture. More hay is being fed due to short range and slow pastures.

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR THE WEEK ENDING APRIL 20, 1953

<u>Eastern Division</u>		<u>Central Division</u>	<u>Western Division</u>
Grand Island .10	1250	Burwell .19	Chadron .17
Lincoln .06	4-21-53	Lexington .08	Imperial 0
Norfolk .24		North Platte 0	Scottsbluff .03
Omaha .26		Valentino .14	Sidney .05
Sioux City .36			

Precipitation Map for Week Ending April 17, 1953



HIGHEST AND LOWEST TEMPERATURES (for 24 hours ending in a.m.)

		April		14th		15th		16th		17th		18th		19th		20th	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	58	20	52	23	47	22	37	23	33	23	--	19	47	27		
	Scottsbluff	56	37	56	25	48	25	54	23	30	19	--	18	46	22		
	Sidney	47	32	50	24	44	26	52	21	27	9	--	16	44	20		
N-C	Burwell	56	32	62	31	32	21	38	21	33	19	42	24	45	20		
	Valentine	57	32	58	23	32	23	30	22	34	21	37	22	46	21		
NE	Norfolk	60	35	--	--	43	22	39	25	35	19	41	25	44	22		
	Sioux City	60	33	60	32	44	26	40	25	37	19	43	27	42	22		
CEN.	Grand Island	62	40	60	34	39	22	55	27	34	17	44	23	45	21		
	Lexington	62	33	66	27	39	17	57	22	33	16	--	22	48	17		
E-C	Lincoln	63	44	55	36	39	26	57	29	36	22	46	27	44	25		
	Omaha	62	41	54	36	44	28	53	29	37	22	44	28	42	24		
SW	Imperial	57	30	60	26	46	20	61	20	29	13	--	19	47	15		
	North Platte	59	32	63	25	42	21	49	23	31	17	42	17	47	18		

U. S. Department of Agriculture
203 P. O. Building, Box 1911
Lincoln 1, Nebraska

OFFICIAL BUSINESS

Form BAE-A2-4-53-820

Permit No. 1001

Penalty for Private Use to Avoid
Payment of Postage \$300